



Espacenet

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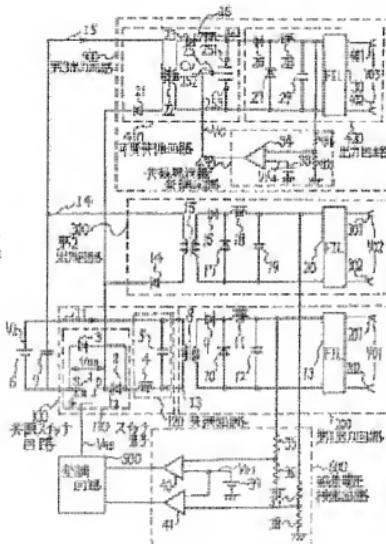
MULTIPLE OUTPUT CONVERTER

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Abstract of JP 6319261 (A)

PURPOSE: To provide a multi-output converter with three or more output circuits, which is suitable for a reduced loss, the reduced number of components, miniaturization, high reliability and the lowering of a price. **CONSTITUTION:** Stabilized output voltage V_1 of a first output circuit 200, output voltage V_2 of a second output circuit 300 and output voltage V_3 of a third output circuit 400 are obtained from voltage V_1 of a direct-current voltage supply 5. The output voltage V_1 is stabilized by a frequency modulation technique of a switching element 110, a resonance circuit 120, an error detecting circuit 600 and a modulation circuit 500. The output voltage V_2 is stabilized by a pulse modulation technique of the switching element 110, the error detecting circuit 600 and the modulation circuit 500. The output voltage V_3 is stabilized by controlling the resonance frequency of a variable resonance circuit 410 by a resonance frequency modulation circuit 430 on the basis of the error voltage of the output voltages.



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